GASTROINTESTINAL DISORDERS IN SMALL DOGS



Nutritional support plays a key role for SMALL DOGS with gastrointestinal conditions.

Feeding the right diet is essential for the nutritional support of pets with digestive tract disorders, as it ensures adequate nutrition even when nutrient absorption is compromised.¹

PREBIOTICS & SHORT CHAIN FATTY ACIDS

A highly digestible diet that includes both soluble and insoluble fibres may minimise the workload of the intestines and is beneficial for dogs with intestinal disturbances.^{2,3}

Pets can benefit from fibre in their diet, for this reason, strategies focusing on helping to support intestinal microbiome health are crucial for patients with gastrointestinal disorders.^{2,3}



DIETARY FIBRE

Dietary fibres serve as substrates for fermentation by the gut microbiota, producing short chain fatty acids (SCFAs).



SHORT CHAIN FATTY ACIDS

Butyrate is one of the most important fatty acids for gut health. This SCFA is readily absorbed and is the major energy source for colonocytes.⁴



GUT HEALTH SUPPORT

Beneficial bacteria produce SCFAs, which support gut health by helping maintain the mucosal epithelium and mucosal barrier, promoting immune function and supporting natural anti–inflammatory processes.^{5,6}

CONSIDER

Changing the pet's diet slowly to avoid microbiome unbalance and helping the acceptance of the new diet. Gradually replace ¼ of the current food with the ¼ of the new food every 2nd day. After 7 days, the switch over to the new food is complete. If a pet is susceptible to stomach upset, it may be beneficial to transition over 10 days.



¹Hickman MA. Interventional nutrition for gastrointestinal disease. Clin Tech Small Anim Pract. 1998 Nov;13(4):211-6.

⁶ Lu J, Zhu D, Liu J, Wu Z, Liu L. Dietary supplementation with low and high polymerization inulin ameliorates adipose tissue inflammation via the TLR4/NF-kB pathway mediated by gut microbiota disturbance in obese dogs. Res Vet Sci. 2022;152:624-632.



²Lieb MS. Treatment of Chronic Idiopathic Large-Bowel Diarrhea in Dogs with a Highly Digestible Diet and Soluble Fibre: A Retrospective Review of 37 Cases. J Vet Intern Med. 2000; 14(1):27-32.

³ Propst EL et al. A dose-response experiment evaluating the effects of oligofructose and inulin on nutrient digestibility, stool quality, and fecal protein catabolites in healthy adult dogs. J Anim Sci. 2003 Dec: 81(12):3057-66.

⁴ Wong JM, de Souza R, Kendall CW, Emam A, Jenkins DJ. Colonic health: fermentation and short chain fatty acids. J Clin Gastroenterol. 2006 Mar; 40(3):235-43.

⁵ Barko PC, McMichael MA, Swanson KS, et al. The Gastrointestinal Microbiome: A Review. *J Vet Intern Med*. 2018;**32**:9-25

VETERINARY DIETS



Complete dietetic dry pet food for puppies and adult small dogs (<10 kg) for reduction of intestinal absorptive disorders and compensation for maldigestion and exocrine pancreatic insufficiency.

BENEFITS



MICROBIOME SUPPORT

Added prebiotic (inulin) to help improve microbiome balance and digestive health



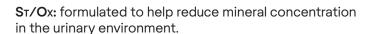
MCTs & LIMITED FAT

Limited fat content and high in Medium Chain Triglycerides (MCTs) for an easy gut fat absorption



EASY TO DIGEST

Formulated with easy to digest ingredients to help reduce the workload of the gut and to promote good faecal quality







BENEFITS **ADDITIONAL**

Helps support digestive health by nourishing intestinal beneficial bacteria^{1,2}

- · Added prebiotics (purified inulin): Improves microbial balance, stimulates the growth of beneficial bacteria and provides short-chain fatty acids for the enterocytes3
- Promotes good faecal quality thanks to a balance of soluble and insoluble fibres4

Highly digestible formula to help support a healthy gut5

- Formulated with quality ingredients and high digestibility to promote nutrient absorption
- · MCTs are easier to digest and absorb compared to other types of fat⁶
- Added long-chain omega-3 fatty acids to help assist colon sensitive mucosa and support natural anti-inflammatory processes

COMPOSITION

Rice*, corn, dried poultry protein*, pea protein*, soya protein*, digest, refined coconut oil * (source of MCTs), corn starch*, dried beet pulp, minerals, monoglycerides, fish oil, animal fats, chicory inulin (0.55%), refined soybean oil. *Highly digestible ingredients.

KEY NUTRIENT VALUES*	
	DRY
Moisture	7.5%
Protein	26%
Fat - Omega-6 fatty acids - Omega-3 fatty acids - Medium Chain fatty acids	11.4% 1.69% 0.39% 2.3%
Carbohydrate	46.1%
Crude fibre	2%
Vitamin E	420 IU/kg
Metabolisable energy (ME)**	3717 kcal/kg

^{*}Typical analysis in the final product as fed.
**Calculated following NRC 2006 equations.



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² Lu J, Zhu D, Liu J, Wu Z, Liu L. Dietary supplementation with low and high polymerization inulin ameliorates adipose tissue inflammation via the TLR4/NF-kB pathway mediated by gut microbiota disturbance in obese dogs. Res Vet Sci. 2022;152:624-632.

¹Beloshapka AN, Dowd SE, Suchodolski JS, Steiner JM, Duclos L, Swanson KS. Fecal microbial communities of healthy adult dogs fed raw meat-based diets with or without inulin or yeast cell wall extracts as assessed by 454 pyrosequencing. FEMS Microbiol Ecol. 2013;84(3):532-41

³ Wong JM, de Souza R, Kendall CW, Emam A, Jenkins DJ. Colonic health: fermentation and short chain fatty acids. J Clin Gastroenterol. 2006 Mar; 40(3):235-43

⁴ Propst EL et al. A dose-response experiment evaluating the effects of oligofructose and inulin on nutrient digestibility, stool quality, and fecal protein catabolites in healthy adult dogs. J Anim Sci. 2003 Dec; 81(12):3057-66

Lieb MS. Treatment of Chronic Idiopathic Large-Bowel Diarrhea in Dogs with a Highly Digestible Diet and Soluble Fibre: A Retrospective Review of 37 Cases. J Vet Intern Med 2000; 14(1):27-32

⁶ Marten B, Pfeuffer M, Schrezenmeir J. Medium-chain triglycerides. *Int Dairy J.* 2006;**16**:1374–82